NP1100/37

PHILIPS

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1 Important

Safety

Know these safety symbols

This 'bolt of lightning' indicates uninsulated material within your unit may cause an electrical shock. For the safety of everyone in your household, please do not remove product covering.

The 'exclamation point' calls attention to features for which you should read the enclosed literature closely to prevent operating and maintenance problems.

WARNING: To reduce the risk of fire or electric shock, this apparatus should not be exposed to rain or moisture and objects filled with liquids, such as vases, should not be placed on this apparatus.

CAUTION: To prevent electric shock, match wide blade of plug to wide slot, fully insert.

a Read these instructions.

b Keep these instructions.

c Heed all warnings.

d Follow all instructions.

e Do not use this apparatus near water.

f Clean only with dry cloth.

g Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.

h Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

i For countries with a polarized mains, do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet. Caution: To prevent electric shock, match the wide blade of the plug to the wide slot, fully insert.
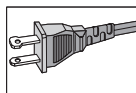
j Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

k Only use attachments/accessories specified by the manufacturer.

l Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

(13) Unplug this apparatus during lightning storms or when unused for long periods of time.

(14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

(15) Battery usage CAUTION – To prevent battery leakage which may result in bodily injury, property damage, or damage to the unit:
  • Install all batteries correctly, + and - as marked on the unit.
  • Do not mix batteries (old and new or carbon and alkaline, etc.).
  • Remove batteries when the unit is not used for a long time.

(16) Apparatus shall not be exposed to dripping or splashing.

(17) Do not place any sources of danger on the apparatus (e.g. liquid filled objects, lighted candles).

(18) This product may contain lead and mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance: www.eiae.org.

⚠️ **Warning**

  • Never remove the casing of this NP1100.
  • Never lubricate any part of this NP1100.
  • Place this NP1100 on a flat, hard and stable surface.
  • Never place this NP1100 on other electrical equipment.
  • Only use this NP1100 indoors. Keep this NP1100 away from water, moisture and liquid-filled objects.
  • Keep this NP1100 away from direct sunlight, naked flames or heat.

Notice

Notice of compliance

⚠️ **Warning**

  • Changes or modifications made to this equipment not expressly approved by Philips may void the FCC authorization to operate this equipment.

For USA:
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
  • Reorient or relocate the receiving antenna.
  • Increase the separation between the equipment and receiver.
  • Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

For Canada:

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the Radio Interference Regulations of the Canadian Department of Communications. This Class B digital apparatus complies with Canadian ICES-003.

Declaration of Conformity
Model number: NP1100/37
Trade name: Philips
Responsible party: Philips Consumer Lifestyle
                  A Division of Philips
                  Electronics
                  North America Corp.
                  P.O. Box 671539
                  Marietta, GA 30006-0026
                  1-800-PHILIPS (744-5477)

Radiofrequency radiation exposure Information: This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Class II equipment symbol

This symbol indicates that the unit has a double insulation system.

Hearing Safety

Listen at a moderate volume:

Using headphones at a high volume can impair your hearing. This product can produce sounds in decibel ranges that may cause hearing loss for a normal person, even for exposure less than a minute. The higher decibel ranges are offered for those that may have already experienced some hearing loss.

Sound can be deceiving. Over time your hearing 'comfort level' adapts to higher volumes of sound. So after prolonged listening, what sounds 'normal' can actually be loud and harmful to your hearing. To guard against this, set your volume to a safe level before your hearing adapts and leave it there.

To establish a safe volume level:

Set your volume control at a low setting.

Slowly increase the sound until you can hear it comfortably and clearly, without distortion.

Listen for reasonable periods of time:

Prolonged exposure to sound, even at normally 'safe' levels, can also cause hearing loss.

Be sure to use your equipment reasonably and take appropriate breaks.

Be sure to observe the following guidelines when using your headphones.

Listen at reasonable volumes for reasonable periods of time.

Be careful not to adjust the volume as your hearing adapts.

Do not turn up the volume so high that you can't hear what's around you.

You should use caution or temporarily discontinue use in potentially hazardous situations.

Do not use headphones while operating a motorized vehicle, cycling, skateboarding, etc.; it may create a traffic hazard and is illegal in many areas.

Disposal of product and packing material

Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.

When this crossed-out wheeled bin symbol is attached to a product, it means the product is covered by the European Directive 2002/96/EC. Please be informed about the local separate collection system for electrical and electronic products.

Please act according to your local rules and do not dispose of your old product with your normal household waste. The correct disposal of your old product will help prevent potential negative consequences to the environment and human health.

All redundant packing material has been omitted. We have done our utmost to make the packaging easily separable into mono materials. Please observe the local regulations regarding the disposal of packing materials.

Environmental information

All unnecessary packaging has been omitted. We have tried to make the packaging easy to separate into three materials: cardboard (box), polystyrene foam (buffer) and polyethylene (bags, protective foam sheet.)

Your system consists of materials which can be recycled and reused if disassembled by a specialized company. Please observe the local regulations regarding the disposal of packaging materials, exhausted batteries and old equipment.

Battery disposal information

Batteries (including built-in rechargeable batteries) contain substances that may pollute the environment. Always hand the appliance in at an official collection point to remove any built-in batteries before you discard the appliance. All batteries must be disposed of at an official collection point.

CE 0984 ⚠ **R&TTE Directive 1999/5/EC**

BE	✓	DK	✓	GR	✓	ES	✓	FR	✓
IE	✓	IT	✓	LU	✓	NL	✓	AT	✓
PT	✓	FI	✓	SE	✓	UK	✓	NO	✓
DE	✓	CH	✓	PL	✓	HU	✓	SK	✓
CZ	✓	CY	✓	IS	✓				

2 Your Streamium Network Music Player

Congratulations on your purchase and welcome to Philips!
To fully benefit from the support that Philips offers, register your product at **www.philips.com/welcome**.

Overview

Front view
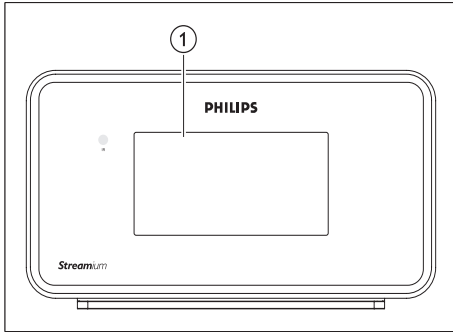
a **DISPLAY**

Top view
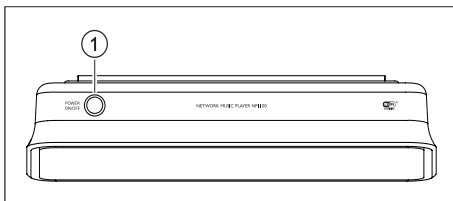
a ⏻**STANDBY - ON**

Rear view
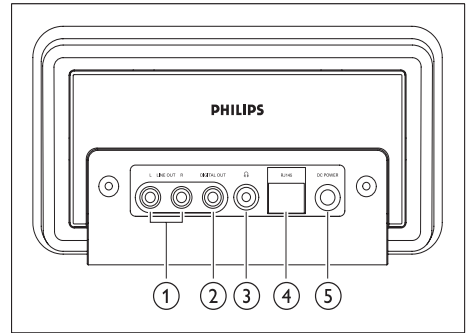
a **LINE OUT (red/white) jacks**

b **DIGITAL OUT (black) jack**

c 🎧 **jack**

d **ETHERNET jack**

e **POWER SUPPLY jack**

Remote control

You can control the NP1100 with the remote control.
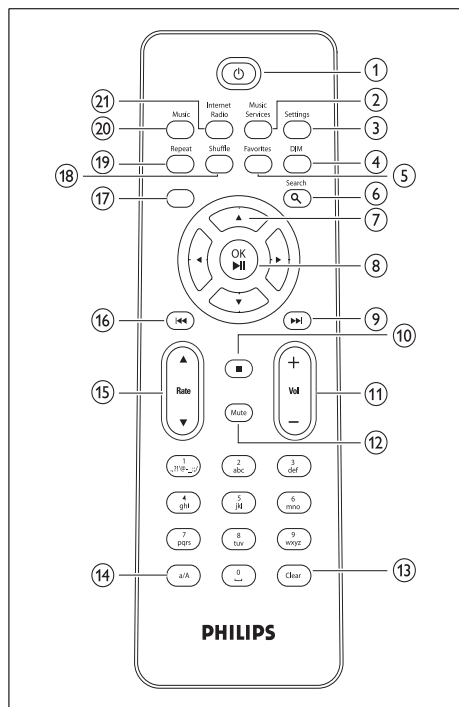
o (15) ▲RATE▼

p (16) ◀◀ (skip back)

q (17) HOME

r (18) SHUFFLE (random play)

s (19) REPEAT

t (20) MUSIC

u (21) INTERNET RADIO

a (1) ⏻

b (2) MUSIC SERVICES (optional feature available in some regions)

c (3) SETTINGS

d (4) DIM (adjust display)

e (5) FAVORITE

f (6) SEARCH

g (7) ▲▼◀▶ (navigate)

h (8) OK / ▶ll (confirm / play/pause)

i (9) ▶▶ (skip forward)

j (10) ■ (stop)

k (11) + VOL -

l (12) MUTE

m (13) CLEAR

n (14) a/A (case shift)

3 Prepare

Install remote control batteries

> **! Caution**
>
> - Risk of explosion! Keep batteries away from heat, sunshine or fire. Never discard batteries in fire.
> - Risk of decreased battery life! Never mix different brands or types of batteries.
> - Risk of product damage! When the remote control is not used for long periods, remove the batteries.

1 Open the battery compartment.

2 Insert two AAA batteries with correct polarity (+/-) as indicated.

3 Close the battery compartment.

Position your NP1100

> **! Caution**
>
> - Risk of product damage! Place the NP1100 on a surface that is level, flat, and strong enough to support the NP1100.
> - Risk of interference! Keep the NP1100 away from TVs, VCRs, and other radiation sources.

4 Connect

Connect audio device

1 Use the supplied red and white audio cables to connect the AUX IN jacks of the sound system with the red and white (see 'Rear view' on page 8)**LINE OUT** jacks (see 'Rear view' on page 8) of the NP1100.

2 Set the source of the sound system to 'AUX'.

3 Control the sound system as you normally would.

Connect AC power

> ⚠ **Warning**
>
> • Risk of product damage! Ensure that the power supply voltage corresponds to the voltage printed on the back or the underside of the NP1100.

1 Connect the NP1100 to the power supply
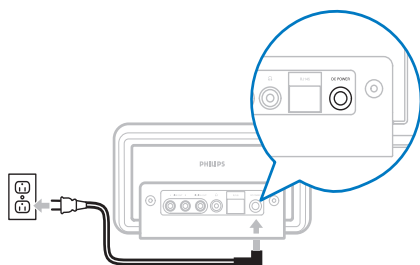
2 Continue with the steps in chapterFirst-time setup (see 'First-time setup' on page 11).

> ⬛ Note
>
> • The type plate information is located at the back or the underside of the NP1100.

First-time setup

When you connect the NP1100 to the power supply for the first time, the player shows a short demo and then displays the language menu:

1 Press ▲▼ to select the language, then press ▶.
   » The display shows the date format menu.

2 Press ▲▼ to select the date format, then press ▶.
   » The display shows the time format menu.

3 Press ▲▼ to select the time format, then press ▶.
   » The display shows the date menu.

4 Press ▲▼ to select the date, then press ▶.
   » The display shows the time menu.

5 Press ▲▼ to select the time, then press ▶.
The display shows the network menu.

6 To complete the setup, continue with one of the following chapters:
• First-time setup: Wireless setup (see 'Create wireless connection' on page 12)
• First-time setup: Wired setup (see 'Create wired connection' on page 12)

Create wireless connection

1 Hold ready your network name and network password or encryption key.

2 Follow the steps in chapter Set up the player for the first time (see 'First-time setup' on page 11) until the display shows the network menu options **[Search for networks]** or **[SSID]**.

3 Press ▲▼ to select **[Search for networks]**, then press ▶.

4 Press ▲▼ to select **[Wireless]**, then press ▶.

5 Press ▲▼ to select your home network with wireless broadband Internet access, then press ▶.
   • Enter encryption key (if required).

6 Select **[Automatic]** > (Enable Proxy?) **[No (default)]**.
   ↳ The NP1100 displays a confirmation screen that the settings are saved.

Create wired connection

1 Use an Ethernet cable (sold separately) to connect the NP1100 to the router that is connected to your home network with broadband Internet access.

2 Ensure that the router is turned on.

3 Follow the steps in chapter Set up the player for the first time (see 'First-time setup' on page 11) until the display shows the network menu options **[Search for networks]** or **[SSID]**.

4 Press ▲▼ to select **[Search for networks]**, then press ▶.

5 Press ▲▼ to select **[Wired]**, then press ▶.

6 Select **[Automatic]** (DHCP).

7 Select (Enable Proxy?) **[No (default)]**.
   ↳ The NP1100 displays a confirmation screen that the settings are saved.

5 Turn on / switch to standby

You can select from the following status options:
- On
- Standby
  - The ⏻ button on the remote control can turn on the NP1100.
  - The NP1100 remembers the last audio source you selected.

▤ Note

- In stop mode, if no buttons are pressed for 20 minutes, the NP1100 switches to standby.

1 To turn on the NP1100, press ⏻.

2 To switch the NP1100 to standby, press ⏻.

6 Play

The play / pause and stop operations on the remote control of the NP1100 are the same for any music source that you choose:

1 Press **HOME**.
2 Press ▲▼ to select source, then press ▶.
3 Press ▲▼, then ▶ to select options.
4 Press **OK / ▶II** to play.
   • Press **OK / ▶II** to toggle between pause and play.
5 Press ■ to stop.

> ✳ **Tip**
>
> • The following chapters explain the play options and music sources that are available.

Adjust volume

1 During play, press **+ VOL -** to adjust the volume.

Mute

You can turn off the sound of your audio.
1 During play, press **MUTE**.
   • To turn the sound back on, press **MUTE** again.

Repeat play

You can repeat one or all audio files of the current selection.
1 In play mode, press **REPEAT** to toggle the repeat function as follows:
   • **[Repeat 1]**
   • The current audio file is continuously repeated until another mode or setting is selected.

• **[Repeat all]**
• All audio files of the current selection are continuously repeated until another mode or setting is selected.
• **[Off]** (default)

Shuffle play

You can play the audio files of the current selection in random order (shuffled).
1 During play, press **SHUFFLE** to toggle shuffle on and off.
   ↪ When you turn shuffle on, the current selection of audio files is played in random order.

Listen to Rhapsody® music services

> ▭ **Note**
>
> • This feature requires broadband Internet access.
> • This feature requires a Rhapsody® account.
> • This feature is only available in some regions.

Rhapsody® is an on-line music service that offers streaming on-demand access to its library of digital music. You can use this online service with your NP1100.
Available features can include:
• **[My Library]** (built from your Rhapsody Music Library)
• **[Music Guide]** (guides you through the Rhapsody Music Services)
• **[Search]** (lets you search for music in the Rhapsody Music Library)
• **[Channels]** (lets you select virtual Internet radio channels with different genre options and other features)
• **[Playlists]** (lets you create and select your own playlists)
• **[Account Management]** (helps you manage your Rhapsody Account)
1 Ensure that the NP1100 is turned on.

2 Ensure that the NP1100 is connected to the Internet.

3 Press **HOME**.

4 Select **[Music Services]** > **[Rhapsody]**.

5 Follow the on-screen
   - **[Rhapsody]** instructions to select the services available to you.
   - **[Account Management]** instructions to sign in with a full account.

6 Press ▲▼ to select, then press ▶.
   - To return to the Home menu, press **HOME**.

Note

- The on-line Rhapsody® services that are available depend on the type of account you hold.
- Rhapsody® and the Rhapsody logo are registered trademarks of RealNetworks, Inc.

Rate Rhapsody® music

You can use the remote control to rate the music.

1 While you navigate through Rhapsody® music on the NP1100, press ▲**RATE**▼ to rate the current track in the display.
   - » The selected rating is indicated in stars.
   - » To return to the Home menu, press **HOME**.

Note

- The on-line Rhapsody® services that are available depend on the type of account you hold.

Stream music from a UPnP device

You can wirelessly stream music to the NP1100 from a connected PC, if you install Windows Media Player 11 on the PC and configure the PC to share your music. (If Windows Media

Player 11 is already installed on the PC, you can skip the installation section and continue with the configuration. For any other media players, refer to the instructions supplied with the player.)

Install Windows Media Player 11

1 On the PC, insert the supplied software CD.
   - » Installation starts.
   - » If installation does not start, click on the 🖪 icon in your Explorer program.

2 Follow the instructions on the PC to install **Windows Media Player 11**.

Configure a PC to share music

You can share music from a PC with the NP1100. This chapter shows you how to configure the PC to share music.

1 Follow the instructions to install Windows Media Player 11.

2 On the PC, click **Start** > **Programs** > **Windows Media Player**.

3 In the Windows Media Player interface, right click on the **Library** pull-down menu at the top of the screen and select **Media sharing...**.

4 In the **Media sharing...** pop-up window, select **Share my media**, then confirm with **OK**.
   - » When the NP1100 is connected to your home network, the display shows the NP1100 with an alert icon: ⚠

5 Click on the NP1100.

6 Select **Allow**, then confirm with **OK**.

7 On the NP1100, press **HOME**.

8 Press ▲▼ to select **[Music]**, then press ▶.
   - » The display shows **[Searching for UPnP servers…]**, followed by the list of media servers.

9 Press ▲▼ to select the PC name (the Windows Media Player adds an identifier after the PC name), then press ▶.

Search for audio files (music)

You can choose between the following options to search for specific audio files:

- Scroll at high speed (see 'Scroll at high speed' on page 16)
- Quick jump navigation (see 'Quick jump navigation' on page 16)
- Alphanumeric search (see 'Alphanumeric search' on page 16)

Scroll at high speed

You can find a file with fast scroll, which scrolls through all files in the current list. Scroll speed depends on the length of the list.

1 Ensure that the NP1100 is turned on.

2 When a list is displayed, press and hold ▲▼ to scroll through the list at high speed.

3 Let go of the button, to stop the scroll.

Quick jump navigation

The quick jump feature of the NP1100 behaves like the text input method commonly used on mobile phones.

1 While inside a list, press an alphanumeric button once or more to select a character.
  » The quick jump feature displays the first object in the current list that begins with the selected character (e.g. a track name inside the track list) .

Alphanumeric search

You can search for specific audio files on a connected UPnP device.

1 Ensure that the NP1100 is turned on.

2 Press **HOME** > **MUSIC**.

  » The display shows the available servers.

3 Press ▲ or ▼, then ▶ to select server.
  » The display shows the available lists.

4 Press ▲ or ▼, then ▶ to select list.

5 Press **SEARCH**.
  » The display shows a text box.

6 Press the alphanumeric buttons on the remote control to enter the search word.

7 Press **OK** / ▶❚❚ to start the search.
  » The NP1100 shows the closest alphabetical match.

8 To stop the search, press ■.
  - To return to the Home menu, press **HOME**.

Internet radio

Note

- Internet radio features require broadband Internet access.

Listen to Internet radio

1 Ensure that the NP1100 is turned on.

2 Ensure that the NP1100 is connected to the Internet.

3 Press **INTERNET RADIO** to view the options menu
  - **[Search]** (lets you search for Internet radio stations)
  - **[Favorite Stations]** (lists the Internet radio stations that you have marked as Favorite Station (see 'Mark radio stations as Favorites' on page 17))
  - **[All Stations]** (lists all Internet radio stations, categorized by genres)
  - **[Recommended]** (lists recommended Internet radio services stations)
  - **[My Media]** (lists the Internet radio stations that you have entered at

Club Philips under Streamium
Management)

4 Press ▲▼ to select the option, then press
►.
• To listen to a specific Internet radio
station, select option **[Search]**, then
use the alphanumeric buttons to enter
the radio station name.
• To return to the Home menu, press
HOME.

> **Note**
>
> • Internet radio features require broadband Internet
> access.

Mark radio stations as Favorites

You can mark Internet radio stations as your
Favourites so next time you want to listen to a
station, it is easy to find.

1 Ensure that the NP1100 is turned on.
2 Ensure that the NP1100 is connected to
the Internet.
3 When you listen to Internet radio, press
FAVORITE to mark the station.
• To return to the Home menu, press
HOME.
• The next time you connect to the
Internet radio, the radio station is
shown in the Favorite Stations (see
'Listen to Favorite Stations' on page
17) menu.

> **Note**
>
> • Internet radio features require broadband Internet
> access.

> **Tip**
>
> • You can also place bookmarks for Internet radio
> stations when you log on at **www.philips.com/welcome**
> and on the registered product site click the link
> **Streamium Management**.

Listen to Favorite Stations

When you place bookmarks for Internet radio
stations (see 'Mark radio stations as Favorites'
on page 17), you can find them under Favorite
Stations.

1 Ensure that the NP1100 is turned on.
2 Ensure that the NP1100 is connected to
the Internet.
3 Press **HOME**.
4 Select **[Internet Radio]** > **[Favorite
Stations]**.
5 Press ▲▼ to select, then press ►.
• To return to the Home menu, press
HOME.

> **Note**
>
> • Internet radio features require broadband Internet
> access.

Manually add Internet radio stations

This chapter explains how to register with
Philips and add individual URL addresses for
Internet radio stations on the PC.

1 Ensure that the NP1100 is turned on.
2 Ensure that the NP1100 is connected to
the Internet.

3 On the NP1100, select [Settings] > [Registration settings] > [User registration].
  ↳ The registration display is shown.

4 Press alphanumeric buttons on the remote control to enter your valid email address.

5 Press ▶.
  ↳ The display confirms the automated email dispatch to your mailbox.

6 Check the email inbox for a message from ConsumerCare@Philips.com with the subject Your Streamium Registration....

7 Follow the instructions in the email to complete your registration process on the Philips website.

8 On the registered product site, click the link Streamium Management.

9 Select My Media.

10 Click on the tab Music.

11 Enter the URL address of Internet radio station in the first column.

12 Enter a nickname in the second column.
  ↳ The nickname is the Internet radio stations identification that is displayed the NP1100.

13 Enter a description in the third column.

14 Click on Save to confirm your entries.

≡ Note

- If the manually added Internet radio station is available and broadcast in a compatible format, you can listen to it on the NP1100.
- You can find the manually added Internet radio stations in the My Media list on the NP1100.
- Internet radio features require broadband Internet access.

Listen to My Media

When you manually add an Internet radio station (see 'Manually add Internet radio stations' on page 17), the Internet radio station is found under [My Media].

1 Ensure that the NP1100 is turned on.

2 Ensure that the NP1100 is connected to the Internet.

3 Press INTERNET RADIO.

4 Press ▲▼ to select [My Media], then press ▶.

5 Press ▲▼ to select [Music], then press ▶.
  ↳ The list of your Internet radio stations
  ↳ To return to the Home menu, press HOME.

≡ Note

- Internet radio features require broadband Internet access.

Browse through Internet Radio lists

The NP1100 has a feature that allows you to browse through long lists of Internet Radio stations similar to the page up and page down feature on a PC.

1 Press ◀◀ / ▶▶ to browse up / down in the list.

7 Settings

The following settings are available to you:
- **[Play mode]**
- **[Display settings]**
- **[Date and time]**
- **[Clicker sound]**
- **[Software update]**
- **[Demo]**
- **[Sleep timer]**
- **[Restore settings]**
- **[System information]**
- **[Network setup]**
- **[Language]**
  This is how you change settings:

1 Press **HOME**.

2 Press ▲▼ to select **[Settings]**, then press ►.

3 Press ▲▼ to select the setting that you want to change, then press ►.
- To return to the Home menu, press **HOME**.

Adjust display

This chapter shows you how to adjust the following display settings:
- DIM settings (see 'Adjust DIM settings' on page 19)
- Brightness (see 'Adjust brightness' on page 19)

Adjust DIM settings

1 Ensure that the NP1100 is turned on.

2 Press **HOME**.

3 Select **[Settings]** >**[DIM Settings]** .

4 Select:
- **[Bright]**
- **[Soft]**
- **[Backlight off]**

1 To return to the Home menu, press **HOME**.

Adjust brightness

1 Ensure that the NP1100 is turned on.

2 Press **HOME**.

3 Select **[Settings]** > **[Brightness]**.

4 Press ▲▼ to adjust the settings, then press ►.

5 To return to the Home menu, press **HOME**.

Date and time settings

This chapter shows you how to change the date and time settings.

Set the time

1 Ensure that the NP1100 is turned on.

2 Press **HOME**.

3 Select **[Settings]** > **[Date and time]**.

4 Press ▲ or ▼, then ► to select **[Set time]**.

5 Press ▲ or ▼to adjust, then ► to confirm the time.

6 Press ◄ to return to the previous selection menu.
- To return to the Home menu, press **HOME**.

Set the time format

1 Ensure that the NP1100 is turned on.

2 Press **HOME**.

3 Select **[Settings]** > **[Date and time]**.

4 Press ▲ or ▼, then ► to select **[Set time format]**.

5 Press ▲▼ to select format, then press ►.

6 Press ◄ to return to the previous selection menu.
- To return to the Home menu, press **HOME**.

Set the date

1 Ensure that the NP1100 is turned on.

2 Press **HOME**.

3 Select **[Settings]** > **[Date and time]**.

4 Press ▲ or ▼, then ▶ to select **[Set date]**.

5 Press ▲ or ▼to adjust, then ▶ to confirm the date.

6 Press ◀ to return to the previous selection menu.
  • To return to the Home menu, press **HOME**.

Set sleep timer

You can select a set time period after which the NP1100 automatically switches to standby.
The timer offers the following options:
• **[Off]**
• **[15 minutes]**
• **[30 minutes]**
• **[1 hour]**
• **[1.5 hours]**
• **[2 hours]**

1 Ensure that the NP1100 is turned on.

2 Press **HOME**.

3 Select **[Settings]** >**[Sleep timer]**.

4 Press ▲▼ to select, then press ▶.
  • To return to the Home menu, press **HOME**.

Set button sound (Clicker)

1 Ensure that the NP1100 is turned on.

2 Press **HOME**.

3 Select **[Clicker sound]**.

4 Press ▲▼ to select **[Enable]** or **[Disable]**, then press ▶.

5 Press ◀ to return to the previous selection menu.

  • To return to the Home menu, press **HOME**.

Network setup

This chapter shows you how to change the network setup.
Before you connect the NP1100 to a home network router:
• Ensure that the PC meets the minimum requirements. (see 'PC connection requirements' on page 24)
  You can choose from two different modes of connection:
• Wireless connection (see 'Create wireless connection' on page 20)
• Wired connection (see 'Create wired connection' on page 20)

Create wireless connection

1 Hold ready your network name and network password or encryption key.

2 Ensure that your wireless access point or wireless router is turned on.

3 Ensure that the NP1100 is turned on.

4 On the NP1100, configure the network:

5 Press **HOME**.

6 Press ▲▼, then ▶ to select **[Settings]** > **[Network setup]** > **[Wireless]** > **[Search for networks]**.

7 Press ▲▼, then ▶ to select network.
  • Enter encryption key (if required).

8 Select **[Automatic]** > (Enable Proxy?) **[No (default)]**.
  ↳ The NP1100 displays a confirmation screen that the settings are saved.

Create wired connection

1 Ensure that the Ethernet port on the PC is enabled.

2 Use an Ethernet cable (sold separately) to connect the NP1100 to the router that is connected to your home network with broadband Internet access.

3 Ensure that the NP1100 is turned on.

4 Press **HOME**.

5 Press ▲▼, then ▶ to select **[Settings]** > **[Network setup]** > **[Wired]**.

6 Select **[Automatic]** (DHCP).

7 Select (Enable Proxy?) **[No (default)]**.
   ↳ The NP1100 displays a confirmation screen that the settings are saved.

Change language

You can change the language that you have set during the first-time setup.

1 Ensure that the NP1100 is turned on.

2 Press **HOME**.

3 Select **[Settings]** > **[Language]**.

4 Press ▲▼ to select language, then press ▶.

• To return to the Home menu, press **HOME**.

8 Maintenance

Cleaning

Note

- Avoid moisture and abrasion.

1 Clean the NP1100 only with a soft dry cloth.

Update

When the NP1100 is connected to a home network or PC, you can download new firmware updates. Depending on your connection you have two options:

- Update through wireless connection (see 'Update through wireless connection' on page 22)
- Update through PC connection (see 'Update through PC connection' on page 22)

Update through wireless connection

1 Ensure that the NP1100 is turned on.

2 Ensure that the NP1100 is connected to the Internet.

3 Press **HOME**.

4 Select **[Settings]** > **[Software update]**.
  » The NP1100 searches for new software.

5 When the display prompts you to accept the End User Licence Agreement, select **[Yes]**.
  » When the software installation is complete, the NP1100 restarts.

Update through PC connection

1 On the PC, visit the **www.Philips.com/support**.

2 Download the latest software file for the NP1100 to the harddisk of the PC.

3 Ensure that the NP1100 is turned on.

4 Ensure that the NP1100 is connected to the network of the PC.

5 Press **HOME**.

6 Select **[Settings]** > **[System information]** > **[Network connection]**.

7 Note the **IP address** of the NP1100.

8 On the PC in the address bar of your Internet browser, enter **http://<IP address>** (replace <IP address> with the IP address of the NP1100, format: http://XXX.XXX.XXX.XXX).
  » The Internet browser opens the Device Manager webpage.

9 On the Device Manager webpage, select **Software upgrade** and click **OK**.

10 Click **Browse** to locate the software file that you saved on the harddisk of the PC.

11 Click **OK** to start the update.
  » The software update progress is shown.
  » When the software installation is complete, the NP1100 restarts.

Restore the default settings

You can restore the default settings (including network settings) of the NP1100.

1 Ensure that the NP1100 is turned on.

2 Press **MENU** to enter the menu display.

3 Press ▲▼ to select **[Settings]** > **[Restore settings]**.

4 Press ▶.

5 Press ▶ to select **[Yes]**.

  ↳ The NP1100 restarts when the factory settings are restored.

  ↳ The language selection display is shown.

✳ Tip

• You can restore the default settings without losing the audio files on the harddisk of a connected PC or Center.

9 Technical data

General

AC Power	Voltage information is printed on the back or the underside of the NP1100.
DC Power	5 V / 1 A
Dimensions (w × h × d)	195 × 104 × 38 mm
Weight (net)	approx. 0.44kg

Power consumption

On	< 5W
Standby (active)	< 4W

Audio output

Line out	2x Cinch, 500 mV, 20 - 20000 Hz
SPDIF	1x Cinch (Coax), 0.5 V, 75 Ohms
Headphone	1x 3.5 mm jack, 1 V, 30 - 16000 Hz
Signal to noise ratio (line out)	typ. 85 dBA (IEC)
Signal to noise ratio (heaphone)	typ. 75 dBA (IEC)
Distortion (line out / headphone)	< 0.3 %

Wireless

Wireless standard	802.11g, backwards compatible to 802.11b
Wireless security	WEP (64 or 128 bit), WPA/WPA2 (8-63 characters)
Frequency range	2412 - 2462MHz CH1-CH11 (for /79, /37, /17, /55, /97) 2412 - 2472MHz CH1-CH13 (for /12, /05)
Antenna	2x internal, diversity mode enabled

Wired (LAN / Ethernet)

Wired standard	802.3 / 802.3 u
Speed	10 / 100 MBit/s
Mode	half / full duplex
Crossover detection (Auto MDIX)	Yes

Display

Resolution	Dot matrix 128 × 64 dots
Size	4.1 inches

Specifications and external appearance are subject to change without notice.

Supported audio file formats

The NP1100 supports the following audio file formats:
- MP3 (8-320kbps and VBR)
- WMA (up to 192kbps)
- AAC (16-320 kbps and VBR16)

> **Note**
>
> - The display of the NP1100 supports directories with nesting up to a maximum of 8 levels.

Supplied accessories

- Remote control
- 2 AAA batteries
- AC power adapter with cable
- RCA cable

PC connection requirements

The minimum requirements for PC connections are:
- Windows 2000 SP4 (or above) / XP SP2 / Vista
- Pentium III 500MHz processor or higher
- 256MB RAM
- CD-ROM drive

- Adapter
  - Ethernet enabled (for wired connection)
  - Wireless network 802.11 b/g (for wireless connection)
- 500MB free hard disk space

10 Troubleshooting

I cannot hear any sound or the sound is poor, what do I do?
- Press **+ VOL -** to increase the volume.
- Press the **MUTE** button again to reactivate the sound output.

Is there a maximum distance of transmission between a Center and the NP1100 for effective streaming?
Yes. The maximum distance of Wi-Fi transmission is 250m measured in open spaces. However, in a home environment, where solid obstacles such as walls and doors are present, the effective transmission distance is reduced to 50-100m. Reposition the devices if you experience transmission problems.

I have not received any registration email from ConsumerCare@Philips.com.
- Check that the email address that is entered in the user registration section is valid and spelled correctly.
- Check that the PC has an active Internet connection.
- The Internet server may be busy, try again later.
- Check if the email was redirected to the spam folder.

How do I avoid Wi-Fi interferences from other devices that operate in the same (2.4GHz) frequency spectrum, such as Dect phones or bluetooth devices?
- Move the NP1100 at least 3m away from such devices.
- Use a WEP/WPA encryption key when you create the wireless connection your PC / home network.
- Change the operating channel on the interfering devices.
- Turn the devices in different directions to minimize interference.

The wireless firmware update failed, what do I do?
1 Ensure that the PC is connected to the Internet.

2 Use an Ethernet cable (sold separately) to connect the NP1100 to the PC.

3 On the PC, launch the Device Manager on the PC (see 'Update through PC connection' on page 22) to update the firmware.

11 Glossary

A

AAC (Advanced Audio Coding)

An audio compression scheme defined as part of the MPEG-2 standard (also known as MPEG-2 AAC or MPEG-2 NBC, or Not Backwards Compatible). It offers better sound and a compression ratio that is superior by roughly 30 percent compared to the MPEG-1 MP3 format.

AC (alternating current)

An alternating current is an electrical current whose magnitude and direction vary cyclically, as opposed to DC (direct current), whose direction remains constant. The usual waveform of an AC power circuit is a sine wave, as this results in the most efficient transmission of energy. However certain applications use different waveforms, such as triangular or square waves.

Audio output

High-level (speaker) or line-level (RCA) signals sent from one system component to another; or the high-level signal from an amplifier to the system speakers.

C

CBR (constant bit rate)

With CBR the encoder spends the same amount of bits on each frame, regardless of how much it may really need. Disadvantage of CBR: Bits are wasted in case of absolute blackness of a picture or complete silence in an audio frame. And pictures or audio frames with a lot of elements may need those bits.

D

dB (Decibel)

A unit of measure used to express relative difference in power or intensity of sound.

D

DC (direct current)

Direct current or continuous current is the constant flow of electric charge. This is typically in a conductor such as a wire. In direct current, the electric charges flow in the same direction, distinguishing it from AC (alternating current).

DHCP

DHCP stands for Dynamic Host Configuration Protocol. It is a protocol for assigning dynamic IP addresses to devices on a network.

Digital

A method to encode information using a binary code of 0s and 1s. Many wireless phones and networks use digital technology.

Digital Audio

Digital Audio is a sound signal that has been converted into numerical values. Digital sound can be transmitted through multiple channels. Analog sound can only be transmitted through two channels.

Duplex (half/full)

- Full duplex is the ability to send and receive data simultaneously. Duplex is synonymous with full duplex. Example: when a modem operates in full-duplex mode, it can transmit data in two directions simultaneously. In half-duplex mode it can transmit data in two directions, but not simultaneously.

F

Frequency

The property or condition of occurring at frequent intervals. In sound, this simply refers to the regular occurrence of compression and rarification of air that we experience as sound.

Frequency Response

Is the range of frequencies that a speaker reproduces, lowest frequency to the highest. While the optimal normal is 20-20,000 Hz (Hertz), the range of human hearing for

individuals is often much more restricted. A good full-range speaker system however, reproduces as much of this range as possible to cover all variations. Individual drivers are limited to reproduce only that part of the spectrum for which they were made, so their response is limited, but still a necessary point to consider when designing a complete sound system.

H

Hz (Hertz)
Cycles per second, named after Heinrich Hertz.

I

Impedance
The resistance to the flow of an electric current in a circuit. This is effectively the electrical load that a loudspeaker presents to the amplifier which drives it and is measured in ohms.

Input sensitivity
SPL (sound pressure level) a speaker produces, given one watt of power, measured from a one-meter distance at a typical input frequency (usually 1kHz unless otherwise noted on the speaker).

Interface
A device or protocol which facilitates the linking of any two devices or systems; or when used as a verb ('to interface'), the process of linking.

IP address
An IP (Internet Protocol) address is a unique computer address that enables electronic devices to communicate with and identify each other.

K

Kbps
Kilobits per second. A digital-data-rate measurement system which is often used with highly compressed formats such as AAC, DAB, MP3 etc. The higher the amount, the better the quality generally is.

K

kHz (kilo Hertz)
1000Hz or 1000 cycles per second.

L

LCD (Liquid Crystal Display)
Probably the most common way to show visual information on non-computer electronic equipment.

Lossless compression
A system for reducing the number of data bits (density) in a musical signal without corrupting the original.

M

M4A
The audio file format used by Apple in their iTunes Music Store often appears on your system with the '.m4a' filename extension. M4A can produce better audio quality than MP3 using less physical space for the files.

MHz (Mega Hertz)
One million cycles per second.

Mono (monaural)
The operation of an amplifier in one channel for both input and output. Can refer to an amplifier with only one channel of amplification or operating in bridged mode. For low-frequency amplification applications, it provides better phase coherence and less distortion than stereo operation.

MP3
A file format with a sound data compression system. MP3 is the abbreviation of Motion Picture Experts Group 1 (or MPEG-1) Audio Layer 3. With the MP3 format, one CD-R or CD-RW can contain about 10 times more data than a regular CD.

Mute

A control found on receivers, and some mixers or signal processing units that silences (mutes) a signal path, or output.

O

Ohm
Measure of resistance to current (impedance). The lower the impedance of a speaker, the harder it is to drive.

P

PCM (Pulse Code Modulation)
Pioneering form of digital recording.

R

RF (radio frequency)
An alternating current or voltage with a frequency (or carrier wave) above about 100kHz. It is called radio frequency because these frequencies have a capacity to be radiated as electromagnetic waves by radio (and television) stations.

Rhapsody®
Rhapsody® is a membership-based digital music service that allows listeners to subscribe to music through the Internet at a monthly rate, rather than to purchase the music.

S

S/PDIF (SPDIF) (Sony/Philips Digital Interface)
A standard audio-file transfer-format that was developed jointly by Sony and Philips. S/PDIF allows the transfer of digital audio signals from one device to another, without the need to convert first to analog. This prevents the quality of the digital signal degrading during transfer to analog.

Sensitivity
Volume that a speaker offers for a specific voltage input, expressed in decibels per watt (dB/W).

Shuffle
A feature that plays audio files (tracks) in random order.

Signal to noise ratio
Represents the difference between the level of the audio signal, and any interference. The larger the figure, the purer the sound.

SPL (sound pressure level)
An acoustic measurement of sound energy. 1 dB SPL is the smallest increment in sound level to which the average human is sensitive. Theoretically, 0 dB SPL is the threshold of human hearing while approximately 120 dB is the threshold of pain.

Stereo
Literally means solid. Usually taken to refer to two channel stereo, though developments in digital audio facilitate multichannel stereo.

Streaming
A technique for transferring data such that it can be processed as a steady and continuous stream. Streaming technologies are often used on the Internet because many users do not have fast enough access to download large multimedia files quickly, so the client browser or plug-in can start displaying the data before the entire file has been transmitted.

U

UPnP (Universal Plug and Play)
Universal Plug and Play is a networking architecture developed by a consortium of companies to ensure easy connectivity between products from different vendors. UPnP devices should be able to connect to a network automatically, handling identification and other processes on the fly. The standards developed by the UPnP Forum are media-, platform-, and device-independent.

V

VBR (variable bit rate)

With VBR, the encoder takes as much bits as it needs. So black pictures get few bits and complex pictures get as much as they need. While this provides the best quality the final size cannot be predicted at all.

Volume
Volume is the most common word used to specify the control of relative loudness of sounds. It also pertains to the function on many electronic devices that is used to control the loudness.

W

W (wattage)
A measurement of power. In speakers, wattage is a term that indicates power-handling characteristics in dealing with electrical voltage inputs from the amplifier.

WAP (Wireless Application Protocol)
Global protocol used in some wireless devices that allows the user to view and interact with data services. Generally used as a means to view Internet web pages using the limited transmission capacity and small display screens of portable wireless devices.

WAV
A format for sound files developed jointly by Microsoft and IBM. Built into Windows 95 to XP, which made it the de facto standard for sound on PCs. WAV sound files end with a '.wav' extension and works with nearly all Windows applications that support sound.

WEP (Wired Equivalent Privacy)
All 802.11b (Wi-Fi / wireless) networks use WEP as their basic security protocol. WEP secures data transmissions using 64-bit or 128-bit encryption; however, it does not offer complete security and is usually used in conjunction with other security measures such as EAP.

Wi-Fi
Wi-Fi (Wireless Fidelity) is a wireless technology brand owned by the Wi-Fi Alliance

intended to improve the interoperability of wireless local area network products based on the IEEE 802.11 standards. Common applications for Wi-Fi include Internet and VoIP phone access, gaming, and network connectivity for consumer electronics such as televisions, DVD players, and digital cameras.

Wireless
Telecommunications using electromagnetic waves rather than wires or cable to transmit information. Wireless communication can be used for free-ranging mobile systems such as cell phones and global positioning systems (GPS), which use satellite technology. Wireless systems can also be fixed, such as LANs that provide wireless communications within a limited area (such as an office), or wireless peripherals such as mice and keyboards.

WMA (Windows Media Audio)
An audio format owned by Microsoft, is a part of Microsoft Windows Media technology. Includes Microsoft Digital Rights Management tools, Windows Media Video encoding technology, and Windows Media Audio encoding technology.

WPA / WPA2 (Wi-Fi Protected Access)
A Wi-Fi standard that was designed to improve upon the security features of WEP. The technology is designed to work with existing Wi-Fi products that have been enabled with WEP (i.e. as a software upgrade to existing hardware), but the technology includes two improvements over WEP.

Contact information

Canada (Francophone) 1-800-661-6162

United States and Canada (English and Spanish speaking)   1-888-744-5477

Argentina   (54-11) 4544-2047

Australia   1300-363-391

Austria   810000205
(€0.20/min)

Belgium   78250145
(€0.16/min)

Brazil   0800-701-02-03

Bulgaria   2-976-9996

Chile   600-744-5477
(600-PHILIPS)

China   4008-800-008
(local tariff)

Colombia   01-800-700-7445

Czech Republic   800142840

Denmark   3525-8759

Finland   09-2311-3415

France   0821 611655
(€0.23/min)

Germany   01803 386 852
(€0.14/min)

Greece   0-0800-3122-1280

Hong Kong   852-2619-9663

Hungary   680018189

India   1901-180-1111

Ireland   01-601-1777

Israel   9-9600-900

Italy   840320086
(€0.25/minute)

Japan   0570-07-6666

Korea   080-600-6600

Luxembourg   40 6661 5644

Malaysia   1800-880-180

Mexico   01-800-504-6200

Netherlands   0900-8407
(€0.20/min)

New Zealand   0800-658-224

Norway   2270-8111

Pakistan   051-580-902-3

Peru   0800-00100

Philippines   632-8164416

Poland   223491504

Portugal   2-1359-1442

Romania   1-203-2060

Russia Federation   495-961-1111;
(8-800-200-0880)

Singapore   65-6882-3999

Slovakia   0800-004537

South Africa   (011) 471-5194

Spain   902-888-784
(€0.10/min)

Sweden   08-5792-9100

Switzerland   0844-800-544

Taiwan   0800-231-099

Thailand   66-2-652-8652

Turkey   0800-261-3302

Ukraine   044-254-2392

United Kingdom   0870 900 9070
(£0.15/min)

Uruguay   (598-2) 619-6666

Venezuela   0800-100-4888

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